



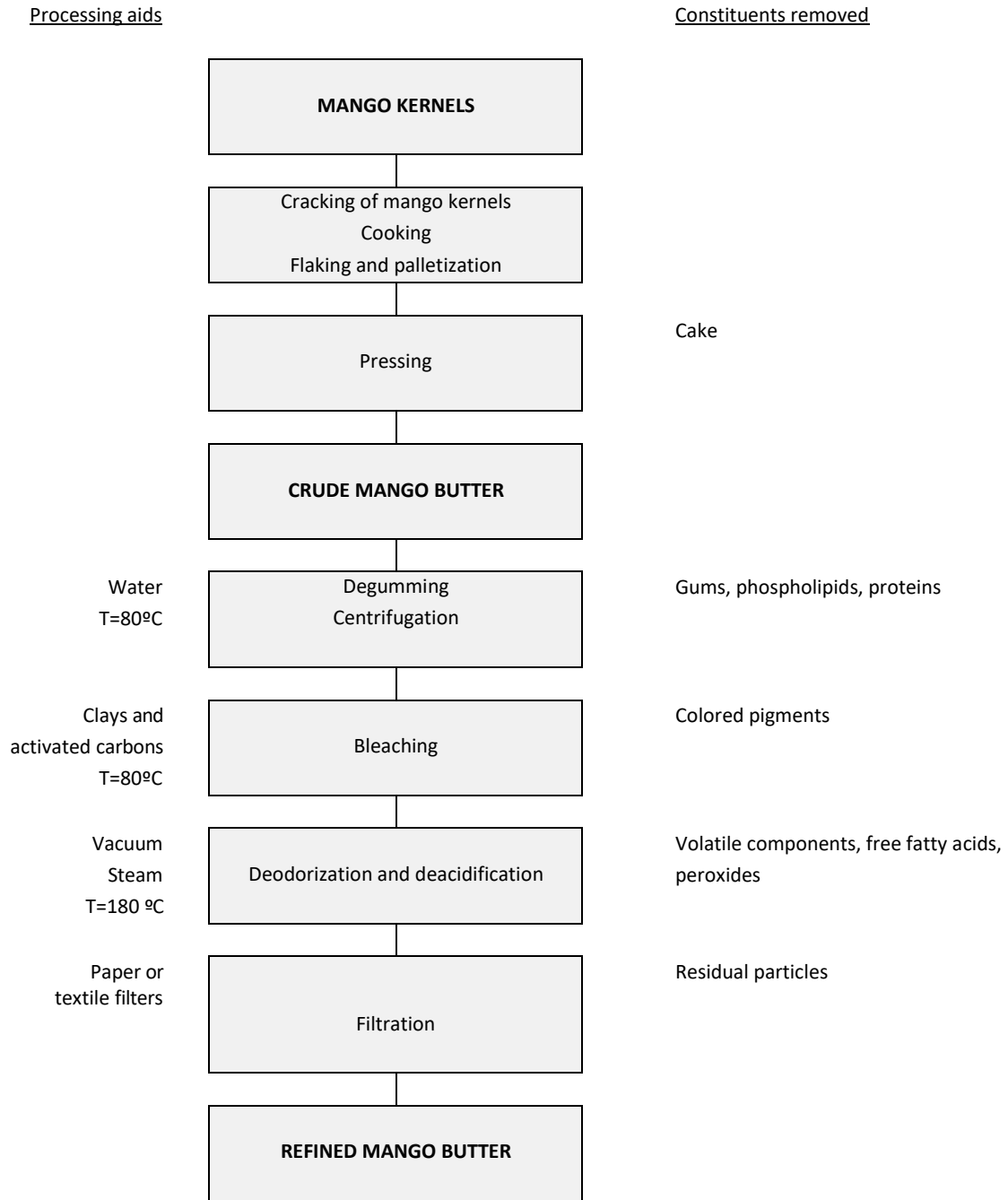
# Certificate of Analysis

PRODUCT DETAILS					
Product Name	<b>MANGO BUTTER REFINED</b>				
Product Code	BUTTMAN				
Batch Number	4430503				
Manufactured Date	November 2020				
Best Before Date	April 2023				
Identification	CAS No: 90063-86-8   EINECS No: 290-045-4				
PHYSICAL AND CHEMICAL CHARACTERISTIC					
	SPECIFICATION RANGE	RESULTS			
Appearance	Solid	Conforms			
Colour	White to pale yellow	Conforms			
Odour	Charcteristic	Conforms			
Acid Value (mgKOH/g)	<2	0.09			
Iodine Value (gI2/100g)	40-55	46.8			
Peroxide Value (Meq/kg)	<5	0.3			
Saponification Value (mg KOH/g)	180-200	192.5			
FATTY ACID PROFILE (%)					
RANGE	RESULTS	RANGE	RESULTS	RANGE	RESULTS
C16:0 Palmitic Acid <b>2 - 18%</b>	<b>11.66%</b>	C18:0 Stearic Acid <b>30-48%</b>	<b>40.83%</b>	C18:1 Oleic Acid <b>34-50%</b>	<b>39.87%</b>
C18:2 Linoleic Acid <b>2-10%</b>	<b>5.97%</b>	C18:3 Linolenic Acid <b>≤2%</b>	<b>Conforms</b>	C20:0 Arachidic Acid <b>≤7%</b>	<b>0.84%</b>
STORAGE AND SHELF LIFE					
Storage	Store in a well ventilated,, cool and dry place in tightly sealed, unopened original containers. Avoid direct sunlight and heat sources. Once opened use				

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**MANGO BUTTER REFINED  
PRODUCTION FLOW CHART**





**SAFETY DATA SHEET  
MANGO BUTTER REFINED**

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

<b>Product name</b>	MANGO BUTTER REFINED
<b>Synonyms; trade names</b>	Mangifera Indica Seed Butter
<b>REACH registration notes</b>	This product is according to Annex 5, 9 exempted from registration
<b>CAS number</b>	90063-86-8
<b>EC number</b>	290-045-4

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

<b>Identified uses</b>	Component of cosmetic products and technical applications
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**1.3. Details of the supplier of the safety data sheet**

<b>Supplier</b>	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge SP6 3PA Tel. +44 1425 655 555 Opening Hours Mon - Fri 9.00am - 5.00pm e-mail technical@madarcorporation.co.uk
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**1.4. Emergency telephone number**

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

<b>Physical hazards</b>	Not Classified
<b>Health hazards</b>	Not Classified
<b>Environmental hazards</b>	Not Classified

**2.2. Label elements**

<b>EC number</b>	290-045-4
<b>Hazard statements</b>	NC Not Classified

**2.3. Other hazards**

**SECTION 3: Composition/information on ingredients**

**3.1. Substances**

<b>Product name</b>	MANGO BUTTER REFINED
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BiOrigins, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK  
Tel: 01425 655555 Email: technical@madarcorporation.co.uk

# MANGO BUTTER REFINED

<b>REACH registration notes</b>	This product is according to Annex 5, 9 exempted from registration
<b>CAS number</b>	90063-86-8
<b>EC number</b>	290-045-4

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Not harmful
<b>Ingestion</b>	No specific recommendations.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse with water. Get medical attention if any discomfort continues.

### 4.2. Most important symptoms and effects, both acute and delayed

### 4.3. Indication of any immediate medical attention and special treatment needed

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Foam. Dry chemicals. Carbon dioxide (CO<sub>2</sub>).

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** This product if made up of inflammable material with low risk. The product may only form ignitable mixture or burn only upon heating above the flash point. However, minor contamination by lightly volatile hydrocarbons may increase the hazard. Ignition hazard at welding of the empty container. Dangerous combustion residues: smoke, carbon monoxide and carbon dioxide.

**Hazardous combustion products** Acrid smoke or fumes. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### 5.3. Advice for firefighters

**Protective actions during firefighting** In order to protect personnel and to cool down containers in the danger zone use water fog or spray jet. Let the fire burn out under control or extinguish with alcohol resistant foam or dry chemical powder. Apply respiratory and eye protection for the fire fighting personnel exposed to smoke or vapours.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Do not eat, drink or smoke when using this product. For personal protection, see Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Collect material mechanically, placing in appropriate containers for disposal.

### 6.4. Reference to other sections

**Reference to other sections** For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

## MANGO BUTTER REFINED

**Usage precautions** Do not eat, drink or smoke when using this product. Do not reuse empty containers. Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep container tightly closed, in a cool, well ventilated place. Protect from sunlight.

### 7.3. Specific end use(s)

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

#### Protective equipment



**Eye/face protection**

Approved safety goggles.

**Hand protection**

Wear protective gloves.

**Other skin and body protection**

Wear protective clothing.

**Hygiene measures**

Good personal hygiene procedures should be implemented.

**Respiratory protection**

No specific requirements are anticipated under normal conditions of use.

**Environmental exposure controls**

Avoid discharging into drains.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Appearance**

Solid.

**Colour**

White to pale yellow

**Odour**

Characteristic.

**Relative density**

ca 0.90 - 0.93 @ 20°C

**Solubility(ies)**

Soluble in alcohol and oils.

### 9.2. Other information

**Hydrocarbon Content**

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity**

None known.

### 10.2. Chemical stability

**Stability**

Stable under the prescribed storage conditions.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions**

None known.

### 10.4. Conditions to avoid

Origins, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK  
Tel: 01425 655555 Email: technical@madarcorporation.co.uk

## MANGO BUTTER REFINED

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

**Materials to avoid** Strong Oxidants such as Liquid Chlorine and concentrated oxygen.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** There is no expected negative impact.

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** There is no expected negative impact.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** There is no expected negative impact.

#### Skin corrosion/irritation

**Skin corrosion/irritation** Not irritating.

#### Germ cell mutagenicity

**Summary** Does not contain any substances known to be mutagenic.

#### Carcinogenicity

**Carcinogenicity** Does not contain any substances known to be carcinogenic.

## SECTION 12: Ecological information

**Ecotoxicity** No data on possible environmental effects have been found.

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Dispose of contents/container in accordance with national regulations.

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

## MANGO BUTTER REFINED

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78  
and the IBC Code**

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### **EU legislation**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

#### **Guidance**

CHIP for everyone HSG228.

### 15.2. Chemical safety assessment

An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.

#### Inventories

##### **EU - EINECS/ELINCS**

Present.

##### **Canada - DSL/NDSL**

Not listed.

##### **US - TSCA**

Not listed.

##### **Australia - AICS**

Present.

##### **Japan - ENCS**

Present.

##### **Korea - KECI**

Not listed.

##### **China - IECSC**

Present.

## MANGO BUTTER REFINED

**Philippines – PICCS**

Present.

**New Zealand - NZIOC**

Present.

**Taiwan - TCSI**

Not listed.

**SECTION 16: Other information**

<b>Revision date</b>	28/04/2020
<b>Revision</b>	1
<b>SDS number</b>	5445

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## Product Specification

PRODUCT DETAILS		
Product Name	MANGO BUTTER REFINED	
Product Code		
Tariff Number	15159060	
Country of Origin	The seeds are cultivated in the Dominican Republic and the final processing is carried out in either Spain or Italy.	
INCI Name	Mangifera Indica Seed Butter	
Natural Status	We hereby declare from information received from our supplier that this product is 100% from vegetable origin.	
Food Grade Status	Not Food Grade	
Kosher Certified	Not certified but is suitable	
Halal Certified	Not certified but is suitable	
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.	
Manufacturing Process	Please request flowchart.	
Identification	CAS No: 90063-86-8	EINECS No: 290-045-4
PHYSICAL AND CHEMICAL CHARACTERISTIC		
Appearance	Solid	
Colour	White to pale yellow	
Odour	Charcteristic	
Relative Density @ 20°C	ca. 0.90 - 0.93	
Acid Value (mgKOH/g)	<2	
Iodine Value (gI2/100g)	40-55	
Peroxide Value (Meq/kg)	<5	
Unsaponifiable Matter (%)	<5	
Melting Point	43-55c	
Saponification Value (mg KOH/g)	180-200	
FRAGRANCE ALLERGENS	FOOD ALLERGENS	IFRA
NOT APPLICABLE	NONE PRESENT	NOT APPLICABLE
FATTY ACID PROFILE (%)		
C16:0 Palmitic Acid <b>2.0 - 18%</b>	C18:0 Stearic Acid <b>30 - 48%</b>	C18:1 Oleic Acid <b>34 - 50%</b>
C18:2 Linoleic Acid <b>2-10%</b>	C18:3 Linolenic Acid <b>≤2%</b>	C20:0 Arachidic Acid <b>≤7%</b>
STORAGE AND SHELF LIFE		
Storage	Store in a well ventilated, cool and dry place in tightly sealed, unopened original containers. Avoid direct sunlight and heat sources. Once opened use	

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## **Sustainability Statement**

### **Mango Butter**

We can confirm that the Mango Butter (Mangifera Indica Seed Butter) supplied by MADAR Corporation Ltd is produced from a sustainable source.

01/11/2018



## Vegan and Vegetarian Statement

IDENTIFICATION	
Product:	Mango Butter Refined
Cas No:	90063-86-8
EINECS No:	290-045-4
STATEMENT	
<p>We, Madar Corporation Limited, from information received from our supplier, hereby declare that the material listed above is suitable for the following:</p> <p>Vegans (Excludes all animal derived products, including dairy, eggs, leather, bee products (beeswax and honey).</p> <p>Lacto Vegetarians ( Same as vegan but allows milk products and bee products.</p> <p>Ovo Vegetarians (Same as vegan but allows egg products and bee products)</p> <p>It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.</p> <p>4<sup>th</sup> June 2020</p> <p>This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.</p>	